

**CLAIMS**

1. A housing, for an electronic device having at least two function sets, the housing having first and second housing portions arranged to move relative to one another between at least a first and a second relative position to select a respective first and second function set.
2. The housing as claimed in claim 1, further comprising at least one function modules, the or each function module being associated with a respective function set.
3. The housing as claimed in claim 2 wherein at least one of the different positions of the housings relative to each other selects a different function module and a function set associated therewith
4. The housing as claimed in claim 3 wherein when the housings are positioned to select a function module and associated function set, a display carried by the first housing portion is aligned with the function module.
5. The housing as claimed in claim 2 wherein at least one function module is moveable between a retracted position in which the function module is at least substantially contained within or between the first and second housing portions and an extended position in which the function module is extended from the first and second housing portions.
6. The housing as claimed in claim 5 having means to make the extension of the at least one function module relative to the housing automatic on selection of the respective function set.

7. The housing as claimed in claim 5 wherein the at least one function module moves radially between the retracted position and the extended position.
8. The housing as claimed in claim 5 wherein the at least one function module rotates about an axis at the edge of at least one of the housing portions to move between the retracted position and the extended position.
9. The housing as claimed in claim 2 wherein at least part of at least one of the function modules is substantially detachable from the housing.
10. The housing as claimed in claim 2 wherein the or each function module carries one of: a camera; a keypad; a keyboard; a joystick; a speaker; a microphone; a loudspeaker; polyphonic speaker, sound recorder; radio tuner; plug connectors;
11. The housing as claimed in claim 2 wherein a single function set is associated with two function modules.
12. The housing as claimed in claim 1 wherein the first and second housing portions are arranged to rotate around an axis substantially in the center of the first and second housing portions.
13. The housing as claimed in claim 1 wherein the first and second housing portions are substantially congruent.
14. An electronic device having at least two function sets and comprising a housing, the housing having first and second housing portions arranged to move relative to one another between at least a first and a

second relative position to select a respective first and second function set.

15. The housing as claimed in claim 14, further comprising at least one function modules, the or each function module being associated with a respective function set.
16. The housing as claimed in claim 15 wherein at least one of the different positions of the housings relative to each other selects a different function module and a function set associated therewith
17. The housing as claimed in claim 16 wherein when the housings are positioned to select a function module and associated function set, a display carried by the first housing portion is aligned with the function module.
18. The housing as claimed in claim 15 wherein at least one function module is moveable between a retracted position in which the function module is at least substantially contained within or between the first and second housing portions and an extended position in which the function module is extended from the first and second housing portions.
19. The housing as claimed in claim 18 having means to make the extension of the at least one function module relative to the housing automatic on selection of the respective function set.
20. The housing as claimed in claim 18 wherein the at least one function module moves radially between the retracted position and the extended position.

21. The housing as claimed in claim 18 wherein the at least one function module rotates about an axis at the edge of at least one of the housing portions to move between the retracted position and the extended position.
22. The housing as claimed in claim 15 wherein at least part of at least one of the function modules is substantially detachable from the housing.
23. The housing as claimed in claim 15 wherein the or each function module carries one of: a camera; a keypad; a keyboard; a joystick; a speaker; a microphone; a loudspeaker; polyphonic speaker, sound recorder; radio tuner; plug connectors;
24. The housing as claimed in claim 15 wherein a single function set is associated with two function modules.
25. The housing as claimed in claim 14 wherein the first and second housing portions are arranged to rotate around an axis substantially in the center of the first and second housing portions.
26. The housing as claimed in claim 14 wherein the first and second housing portions are substantially congruent.
27. A communication device having at least two function sets and comprising a housing, the housing having first and second housing portions arranged to move relative to one another between at least a first and a second relative position to select a respective first and second function set.